

AMENDMENTS TO THE CLAIMS

The claims in this listing will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) A single-vision aspherical spectacle lens to correct eyesight comprising:

a front surface; and

a back surface,

wherein at least one of said front and back ~~surface~~ surfaces is aspherical, a framing reference point that is coincident with a pupil position of a user when the lens is installed on a frame is decentered from a geometrical center of an uncut circular lens.

2. (Original) The single-vision aspherical spectacle lens according to claim 1, wherein said aspherical surface has a symmetric axis that intersects said framing reference point.

3. (Original) The single-vision aspherical spectacle lens according to claim 1, wherein said front surface is spherical and said back surface is aspherical.

4. (Original) The single-vision aspherical spectacle lens according to claim 2, wherein said back surface is a rotationally symmetrical aspherical surface and said symmetric axis is a rotational symmetric axis of said aspherical surface.

5. (Original) The single-vision aspherical spectacle lens according to claim 2, wherein said back surface is symmetric with a pair of planes of symmetry that are perpendicular to each other, and said symmetric axis is an intersection line of said planes.

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6. (Currently Amended) A processing method of an aspherical spectacle lens comprising:

attaching a semifinished lens blank whose front surface is finished to an NC machine tool; and

one of cutting or and grinding a back surface of said the semifinished lens blank to be an aspherical surface,

wherein said the semifinished lens blank is attached to said the NC machine tool such that said the front surface is not inclined with respect to ~~the~~ a machine coordinate of said the NC machine tool.

7. (Currently Amended) The processing method according to claim 6, wherein said the back surface is processed while said the semifinished lens blank is rotated about an axis that intersects a geometrical center of said the seimfinished lens blank.

8. (Currently Amended) The processing method according to claim 6, further including transforming the target shape of said the back surface defined in the predetermined coordinate system to that in said the machine coordinate thereby creating NC data for said the NC machine tool.

9. (New) The single-vision aspherical spectacle lens according to claim 1, wherein said framing reference point is coincident with the optical center of the lens.

10. (New) The single-vision aspherical spectacle lens according to claim 1, wherein the framing reference point is located on a symmetric axis of an aspherical surface of the lens.

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11. (New) The processing method according to claim 6, wherein a geometrical center of the semifinished lens blank is located on a rotation axis of the blocking jig of the machine tool.